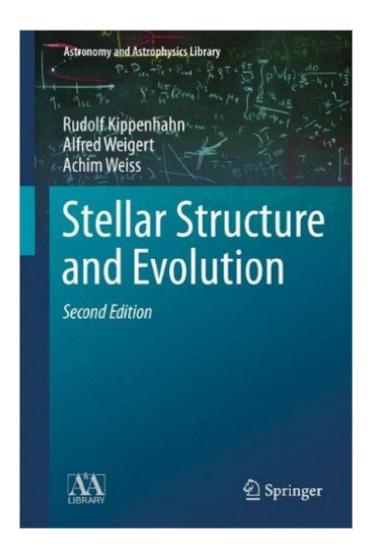
The book was found

Stellar Structure And Evolution (Astronomy And Astrophysics Library)





Synopsis

This long-awaited second edition of the classical textbook on Stellar Structure and Evolution by Kippenhahn and Weigert is a thoroughly revised version of the original text. Taking into account modern observational constraints as well as additional physical effects such as mass loss and diffusion, Achim Weiss and Rudolf Kippenhahn have succeeded in bringing the book up to the state-of-the-art with respect to both the presentation of stellar physics and the presentation and interpretation of current sophisticated stellar models. The well-received and proven pedagogical approach of the first edition has been retained. The book provides a comprehensive treatment of the physics of the stellar interior and the underlying fundamental processes and parameters. The models developed to explain the stability, dynamics and evolution of the stars are presented and great care is taken to detail the various stages in a starâ ™s life. Just as the first edition, which remained a standard work for more than 20 years after its first publication, the second edition will be of lasting value not only for students but also for active researchers in astronomy and astrophysics.

Book Information

Series: Astronomy and Astrophysics Library

Hardcover: 606 pages

Publisher: Springer; 2nd ed. 2012 edition (October 30, 2012)

Language: English

ISBN-10: 3642302556

ISBN-13: 978-3642302558

Product Dimensions: 6.1 x 1.6 x 9.2 inches

Shipping Weight: 4 ounces (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars Â See all reviews (3 customer reviews)

Best Sellers Rank: #58,219 in Books (See Top 100 in Books) #8 in Books > Engineering &

Transportation > Engineering > Chemical > Fluid Dynamics #22 in Books > Science & Math >

Physics > Nuclear Physics #31 in Books > Science & Math > Physics > Dynamics

Customer Reviews

This edition is, in many ways superior to the first edition. However, the first, with its attention to computer modelling, helped to guide students through the tangle of the modelling process. It is also quite gratifying to see that the current version is far removed from any 'cookbook-like' features. It should jprove to be an invaluable tool to several generations of students.

Wonderful book to understand about Stellar Evolution.

Heavy...highly detailed with great depth of illumination.

Download to continue reading...

Stellar Structure and Evolution (Astronomy and Astrophysics Library) Astronomy: Astronomy for Beginners: The Magical Science of Stars, Galaxies, Planets, Black Holes, Wormholes and much, much more! (Astronomy, Astronomy Textbook, Astronomy for Beginners) Particles and Astrophysics: A Multi-Messenger Approach (Astronomy and Astrophysics Library) Planetary Systems: Detection, Formation and Habitability of Extrasolar Planets (Astronomy and Astrophysics) Library) Stellar Theology and Masonic Astronomy Astronomy with Small Telescopes: Up to 5-inch. 125mm (The Patrick Moore Practical Astronomy Series) Taking the Back off the Watch: A Personal Memoir (Astrophysics and Space Science Library) Planets, Stars and Stellar Systems: Volume 1: Telescopes and Instrumentation Writing Movies: The Practical Guide to Creating Stellar Screenplays A STELLAR AFFAIR (A Hollywood Bad Boy Romance) The Physics of Astrophysics Volume I: Radiation Crystalline Stellar Skulls: Who Are They Really? Stellar Fox (Castle Federation Book 2) Astrophysics: A Very Short Introduction (Very Short Introductions) Astrophysics in a Nutshell Polypropylene Structure, blends and composites: Volume 1 Structure and Morphology Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A The Earth's Mantle: Composition, Structure, and Evolution The Telephone Enterprise: The Evolution of the Bell System's Horizontal Structure, 1876-1909 (The Johns Hopkins / AT& T Series in Telephone History) Entropy, Information, and Evolution: New Perspective on Physical and Biological Evolution (Bradford Books)

Dmca